

Product datasheet for **RR206252**

Mab2111 (NM_001109497) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mab2111 (NM_001109497) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mab2111
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR206252 representing NM_001109497 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATCGCGGCCAGGCCAAGCTGGTCTATCACCTGAATAAGTACTACAACGAGAAATGCCAGGCCAGGA
AAGCTGCCATCGCCAAACCATCCGTGAAGTCTGCAAAGTGGTCTCCGATGTCTGAAGGAGGTTGAAGT
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CCCACCGAGTTCGAGGTGGTACTCTATCTGAACCAGATGGGGGTGTTAACTTCGTGGATGACGGCTCCC
TGCTGGCTGTGCGGTGCTGAACTGAGCGATGGGCGCAAGAGGAGCATGTCCTCTGGGTGGAATTCAT
CACCGCCTCTGGCTACCTCTCGGCGCGCAAAATCCGTTCCAGGTTTCAGACGCTGGTGGCTCAGGCGGTG
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TGCTGCAGCTCATCTCATGCCTGCAGTGCCGGCGATGTCCCATTAATCTTACCGAACTTAGATCTGTT
TCAAGGCAAACCCCACTCGGCCTTGGAACACGCTGCTAAACAAACGTGGCGACTGGCAAGAGAGATCCTG
ACCAACCCAAAAGTTTGAAAAACTT

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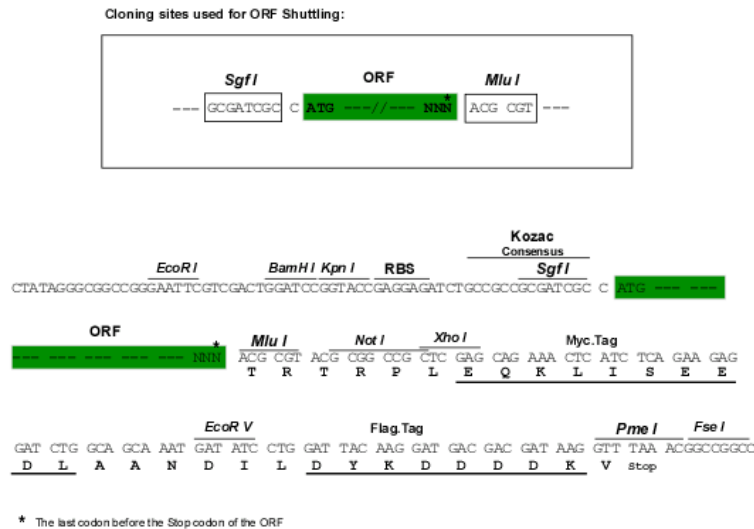
Protein Sequence: >RR206252 representing NM_001109497
 Red=Cloning site Green=Tags(s)

MIAAQAKLVYHLNKYYNEKCQARKAAIAKTIREVCKVVSVDVLKEVEVQEPRISSLNEMDNRYEGLEVIS
 PTEFEVVLNMQGVFNFDGSLPGCAVLKLSGGRKMSLWVEFITASGYLSARKIRSRFQTLVAQAV
 DKCSYRDVVKMVADTSEVKLRIRDYVQITPAFKCTGIWPRSAHWPLPHIPWPGPNRVAEVKAEGFNL
 LSKECHSLAGKQSSAESDAWVLQFAEAENRLQMGGRKKCLSLKTLRDRHLELPGQPLNNYHMKTLVSY
 ECEKHPRESDWDESLGDRNLGILLQLISCLQCRRCPHYFLPNLDFQGKPHSALENAAKQWRLAREIL
 TNPKSLEKL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001109497

ORF Size: 1077 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: NM_001109497.1, NP_001102967.1

RefSeq Size: 2390 bp

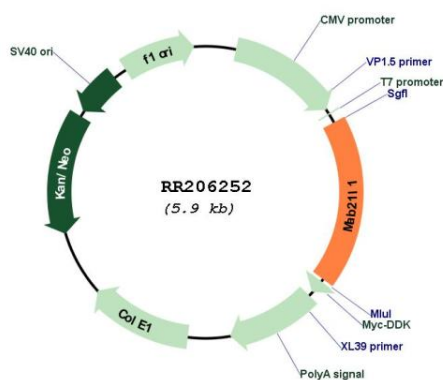
RefSeq ORF: 1080 bp

Locus ID: 688394

Cytogenetics: 2q26

MW: 41 kDa

Product images:



Circular map for RR206252